



Sheet 1 of 7 sheet(s)

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)					Docket No. AMAT/6120/CPI/ECP/PJS		Serial No. 10/036,321	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					Applicant Stevens, et al.		Confirmation No.: 3220	
(Use several sheets if necessary)					Filing Date 12/26/2001		Group 1741	
Examiner Unknown								
U.S. Patent Documents								
*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date if Appropriate	
JS	A1	6,309,981	10/30/2001	Mayer et al.	438	754	04/25/2000	
	A2	6,290,865	09/18/2001	Lloyd et al.	216	92	11/30/1998	
	A3	6,267,853	07/31/2001	Dordi et al.	204	232	07/09/1999	
	A4	6,261,433	07/17/2001	Landau	205	96	04/21/1999	
	A5	6,258,220	07/10/2001	Dordi et al.	204	198	04/08/1999	
	A6	6,254,760	07/03/2001	Shen et al.	205	335	03/05/1999	
	A7	6,254,742	07/03/2001	Hanson et al.	204	279	07/12/1999	
	A8	6,214,193	04/10/2001	Reid et al.	205	122	08/13/1999	
	A9	6,179,982	01/30/2001	Ting et al.	205	80	10/30/1998	
	A10	6,117,778	09/12/2000	Jones et al.	438	692	02/11/1998	
	A11	6,114,254	09/05/2000	Rolfson	438	758	10/15/1996	
	A12	6,099,702	08/08/2000	Reid et al.	204	212	06/10/1998	
	A13	6,063,232	05/16/2000	Terasawa et al.	156	345	11/19/1992	
Foreign Patent Documents								
*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
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JS	B1	2623-134	5/1989	FR	B44C01	26	<input type="checkbox"/>	<input checked="" type="checkbox"/>
JS	B2	01-316936	12/1989	JP Abstract	H01L21	306	X	
JS	B3	02-253620	10/1990	JP Abstract	H01L21	304		<input type="checkbox"/>
OTHER ART								
*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.						
	C1	Verteq Online Products Overview, www.verteq.com						
	C2	Censak, R.L., et al., "Spin Basket," IBM Technical Disclosure Bulletin, Vol. 18, No. 8, pp. 2476-7, 1/1976						
	C3	Singer, P., "Wafer Processing," Semiconductor International, "Non-Uniformity of Copper Electroplating Studied", p. 70, 6/1998						
Examiner JS					Date Considered 2/04			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.								

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U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
BL	A14	6,062,288	05/16/2000	Tateyama	156	584	04/16/1998
	A15	6,029,369	02/29/2000	Gonzalez-Martin et al.	34	317	07/26/1999
	A16	6,027,631	02/22/2000	Broadbent	205	137	11/13/1997
	A17	6,019,843	02/01/2000	Park et al.	118	52	02/05/1998
	A18	6,017,437	01/25/2000	Ting et al.	205	80	08/22/1997
	A19	5,997,653	12/07/1999	Yamasaka	134	2	10/06/1997
	A20	5,976,267	11/02/1999	Culkins et al.	134	6	05/04/1998
	A21	5,974,681	11/02/1999	Gonzales-Martin et al.	34	58	09/10/1997
	A22	5,939,139	08/17/1999	Fujimoto	427	240	01/23/1998
	A23	5,899,216	05/04/1999	Goudie et al.	134	61	05/13/1997
	A24	5,897,379	04/27/1999	Ulrich et al.	438	754	12/19/1997
	A25	5,879,577	03/09/1999	Weng et al.	216	92	01/13/1997
✓	A26	5,873,177	02/23/1999	Honda et al.	34	58	05/19/1997

Foreign Patent Documents

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
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BL	B4	02-272738	11/1990	JP Abstract	H01L21	321	X	<input type="checkbox"/>
BL	B5	03-220723	9/1991	JP (Abstract)	H01L21	306	X	<input type="checkbox"/>
BL	B6	4202194	7/1993	DE	B44D3	16	X	<input type="checkbox"/>

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*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
	C4	Colombo, L., "Wafer Back Surface Film Removal," Spin Etch Technology, Central R&D, SGS-Thomson Microelectronics, Agrate, Italy, 6 pp.
	C5	©Semitool Inc., "Metallization & Interconnect," 1998, 4 pp.
	C6	Laurell Technologies Corporation, "Two Control Configurations Available - see WS-400 or WS-400-Lite," 10/19/1998, 6 pp.

Examiner

Date Considered 2/04

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*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
82	A27	5,783,097	07/21/1998	Lo et al.	216	41	06/09/1997
	A28	5,753,133	05/19/1998	Wong et al.	216	67	07/11/1994
	A29	5,723,028	03/03/1998	Poris	204	231	10/19/1994
	A30	5,718,813	02/17/1998	Drummond et al.	204	192.12	04/02/1993
	A31	5,705,223	01/06/1998	Bunkofske	427	240	12/05/1995
	A32	5,651,865	07/29/1997	Sellers	204	192.13	06/17/1994
	A33	5,634,980	06/03/1997	Tomita et al.	134	3	10/18/1995
	A34	5,625,170	04/29/1997	Poris	177	50	01/18/1994
	A35	5,608,943	03/11/1997	Konishi et al.	15	302	08/22/1994
	A36	5,482,174	01/09/1996	Namiki et al.	216	41	06/03/1994
	A37	5,447,615	09/05/1995	Ishida	204	224R	06/22/1994
	A38	5,429,733	07/04/1995	Ishida	204	224R	05/04/1993
✓	A39	5,415,890	05/16/1995	Kloiber et al.	427	242	01/03/1994

Foreign Patent Documents

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82	B7	4109955	10/1992	DE	H01L21	306	<input type="checkbox"/>	X
82	B8	05-013322	1/1993	JP Abstract	H01L21	27	X	<input type="checkbox"/>
82	B9	05-160104	1/1993	JP	H01L21	306	X	<input type="checkbox"/>

OTHER ART

*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
	C7	Singer, P., "Tantalum, Copper and Damascene: The Future of Interconnects," Semiconductor International, June 1998, Pages cover, 91-92, 94, 96 & 98
	C8	
	C9	

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U.S. Patent Documents								
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jk	A40	5,337,708	01/03/1995	Bergman et al.	134	105	04/26/1993	
	A41	5,368,711	11/29/1994	Poris	204	193	04/29/1993	
	A42	5,351,360	10/04/1994	Suzuki et al.	15	302	06/05/1992	
	A43	5,349,978	09/27/1994	Sago et al.	134	153	06/04/1993	
	A44	5,328,589	07/12/1994	Martin	205	296	12/23/1992	
	A45	5,316,974	05/31/1994	Crank	437	190	04/30/1990	
	A46	5,290,361	03/01/1994	Hayashida et al.	134	2	01/23/1992	
	A47	5,259,407	11/09/1993	Tuchida et al.	134	151	06/14/1991	
	A48	5,256,274	10/26/1993	Poris	205	123	11/22/1991	
	A49	5,252,807	10/12/1993	Chizinsky	219	390	10/23/1991	
	A50	5,232,511	08/03/1993	Bergman	134	2	03/06/1991	
	A51	5,230,743	07/27/1993	Thompson et al.	134	32	07/30/1992	
✓	A52	5,224,504	07/06/1993	Thompson et al.	134	155	07/30/1992	
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jk	B10	06-017291	1/1994	JP Abstract	C25D7	12	X	<input type="checkbox"/>
	B11	06-097136	4/1994	JP Abstract	H01L21	304	X	
✓	B12	06-124887	5/1994	JP Abstract	H01L21	27	X	
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Examiner J. L.					Date Considered 2/04/2002			
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JS	A53	5,222,310	06/29/1993	Thompson et al.	34	202	01/11/1991	
	A54	5,176,783	01/05/1993	Yoshikawa	156	345	09/12/1991	
	A55	5,162,260	11/10/1992	Leibovitz et al.	437	195	01/07/1991	
	A56	5,155,336	10/13/1992	Gronet et al.	219	411	10/24/1991	
	A57	5,055,425	10/08/1991	Leibovitz et al.	437	195	06/01/1989	
	A58	5,039,381	08/13/1991	Mullarkey	204	47.5	05/25/1989	
	A59	4,989,345	02/05/1991	Gill, Jr.	34	58	12/18/1989	
	A60	4,875,434	10/24/1989	Maejima et al.	118	52	04/01/1988	
	A61	4,838,289	06/13/1989	Kottman et al.	134	153	04/25/1988	
	A62	4,788,994	12/06/1988	Shinbara	134	157	08/11/1987	
	A63	4,732,785	03/22/1988	Brewer	427	240	09/26/1986	
	A64	4,693,805	09/15/1987	Quazi	204	192.22	02/14/1986	
✓	A65	4,688,918	08/25/1987	Suzuki et al.	354	325	03/20/1986	
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SL	A66	4,677,758	07/07/1987	Aigo	34	58	10/04/1985	
	A67	4,633,804	01/06/1987	Arii	118	52	03/04/1985	
	A68	4,519,846	05/28/1985	Aigo	134	15	03/08/1984	
	A69	4,518,678	05/21/1985	Allen	430	311	12/16/1983	
	A70	4,510,176	04/09/1985	Cuthbert et al.	427	82	09/26/1983	
	A71	4,489,740	12/25/1984	Rattan et al.	134	140	12/27/1982	
	A72	4,439,244	03/27/1984	Allevato	134	33	08/03/1982	
	A73	4,439,243	03/27/1984	Titus	134	33	08/03/1982	
	A74	4,435,266	03/06/1984	Johnston	204	276	09/30/1982	
	A75	4,429,983	02/07/1984	Cortellino et al.	354	320	03/22/1982	
	A76	4,405,416	09/20/1983	Raistrick et al.	204	68	09/15/1981	
	A77	4,376,685	03/15/1983	Watson	204	52R	06/24/1981	
↓	A78	4,336,114	06/22/1982	Mayer et al.	204	52R	03/26/1981	
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Examiner Y. C. N.		Date Considered 2/04						
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KE	A79	4,326,940	04/27/1982	Eckles et al.	204	232	05/21/1979	
	A80	4,315,059	02/09/1982	Raistrick et al.	429	112	07/18/1980	
	A81	4,113,492	09/12/1978	Sato et al.	96	67	04/08/1977	
	A82	4,110,176	08/29/1978	Creutz et al.	204	52R	05/04/1977	
	A83	4,092,176	05/30/1978	Kozai et al.	134	186	12/07/1976	
	A84	4,027,686	06/07/1977	Shortes et al.	134	33	01/02/1973	
	A85	3,990,462	11/09/1976	Elftmann et al.	134	102	05/19/1975	
	A86	3,953,265	04/27/1976	Hood	156	8	04/28/1975	
	A87	3,772,105	11/13/1973	Shipley	156	19	03/16/1972	
	A88	3,770,598	11/06/1973	Creutz	204	52R	01/21/1972	
✓	A89	3,727,620	04/17/1973	Orr	134	95	03/18/1970	
	A90							
	A91							
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